

## ABSTRACT

The method for producing a piece made of sintered silica includes the following steps: a) casting a slurry, which is based on an amorphous silica powder and on a liquid, between the inner (14) and outer (12) parts of a mold (10) in such a manner as to delimit a wall (38) of the piece (40); b) evacuating, at least in part, the liquid; c) removing the piece from the mold whereby obtaining a green piece; d) additionally drying the green piece, and; e) sintering the green piece. This method is characterized in that in step b), the solvent is evacuated through a single inner (14) and outer (12) part of the mold (10) in at least one are delimiting a useful portion of the wall (38), the impermeable part having a deformable lining (30).